



An Informative Half-day Workshop:

# ***Avoiding Electrocution in Construction: High Voltage Safe Work Practices,***

## **1** *Who Should Attend . . .*

This workshop is a must for anyone concerned about health and safety on the job including:

- ▶ Managers concerned about liability and workers' compensation costs
- ▶ Employees who want to learn proper techniques for protecting their safety and health at work
- ▶ Business owners who want to learn about compliance with Michigan Occupational Safety and Health Administration (MIOSHA)

## **2** *Why You Need This Workshop . .*

- ▶ To reduce disabling injuries and illnesses to employees - and to ensure that every worker goes home safe and healthy every day.
- ▶ To reduce the high costs of work-related injuries. Nationally, employers spent an estimated 50.8 billion on wage payments and medical care for workers hurt on the job. (*Liberty Mutual Safety Index 2005*) This is only a portion of the total costs of work-related injuries. Indirect costs such as overtime, training and lost productivity can also burden employers.
- ▶ To enhance your company's bottom line. A strong safety and health commitment not only protects workers, it also reduces workers compensation costs, improves employee morale, and increases production and quality.

## **3** *What You'll Learn . . .*

Electrocutions are the second leading cause of fatalities in construction nationally. In Michigan (2003) they were the number one cause of construction fatalities. This program will explain and illustrate safety practices the electrical industry itself uses before performing work on energized overhead lines. Emphasized will be the importance of recognizing and eliminating hazards so as to avoid the possibility of any contact with energized lines. Covered in the program: standards that apply to energized line clearances; what constitutes fatal amount of current; how to determine voltages and when overhead lines need to be de-energized.

### **Agenda**

*We offer a flexible  
program agenda  
to emphasize the  
construction  
topics you  
want most.*

- ▶ Standards That Apply To Energized Line Clearances
- ▶ What Constitutes Fatal Amount Of Current
- ▶ How To Determine Voltages
- ▶ When Overhead Lines Need To Be De-energized.

All meetings are accessible and barrier free. Please contact the cosponsor or the CET Division, at least two weeks in advance, to request necessary accommodations.

# Facilitator

Patrick Sullivan began his MIOSHA career as a compliance officer with the Construction Safety Division in 1994. Seeking a new challenge he transferred to the CET Division as a traditional consultant specializing in construction safety. He enjoys reaching out to employers and employees to help them be proactive instead of reactive to jobsite safety.

In 1976 Patrick started as a laborer and then in 1977 joined the Bricklayers Union as an apprentice. After completing his apprenticeship Patrick worked on many of Detroit's major building restoration projects. His MIOSHA enforcement experience and extensive knowledge of all types of scaffolding, fall protection and all other aspects of the construction industry make him a valuable teacher and consultant for the CET Division. His experiences investigating serious construction accidents and fatalities make him a passionate advocate for preplanning construction projects and promoting safety on every jobsite.



**Patrick Sullivan**  
*Construction Safety Consultant,  
MIOSHA, CET Division*

## Program Details

DATE:	February 13, 2007	TIME:	Check-in - 8:30 a.m. Program - 9:00 a.m. to 12:00 p.m.
LOCATION:	Metropolitan Title Company 134 N. First Street, Upper Level Brighton, MI 48116	DEADLINE:	Register by February 9, 2007 Please register early!
COST:	\$20 per member \$30 per non-member Includes course materials.	CONTACT:	MJ Takagi - 810.227.6210 or mjtakagi@hbalc.com

**COSPONSOR: Home Builders Association of Livingston County**

If this valuable seminar doesn't fit with your schedule or position, please pass this flyer on to a colleague.

## How to Register

Avoiding Electrocution in Construction:  
High Voltage Safe Work Practices

Complete information at right to  
register by . . .

► **Phone:** 810.227.6210  
► **Fax:** 810.227.1840  
► **Mail:** Home Builders Association  
of Livingston County  
132 E. Grand River Ave.  
Brighton, MI 48116  
Attn: MJ Takagi

**Payment Guarantees  
Your Spot**

Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_  
State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_  
Members Attending: \_\_\_\_\_ @ \$20 = \$ \_\_\_\_\_  
Non Members: \_\_\_\_\_ @ \$30 = \$ \_\_\_\_\_  
Total = \$ \_\_\_\_\_

The Department of Labor & Economic Growth will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, disability, or political beliefs. If you need assistance with reading, writing, hearing, etc., under the Americans with Disabilities Act, you may make your need known to this agency at least two weeks in advance.

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